WHARTON'S PATENT

FOR

DISPENSING WITH

Railroad Switches

AND

SWITCH TENDERS

ON

CITY RAILWAYS.

PHILADELPHIA:
M'LAUGHLIN BROTHERS, PRINTERS, No. 114 SOUTH THIRD STREET.
1868.

DEPARTMENT OF SURVEYS,

Office of the CHIEF ENGINEER AND SURVEYOR,

Philadelphia, February 2d, 1868.

WM. WHARTON, JR., ESQ.

Dear Sir:

I have observed the working of your immovable Switch for City Passenger Railroads, as laid upon our streets, and find that they do not interfere with their free use by ordinary vehicles; and are certain to act in changing the direction of cars the wheels of which are supplied with the inner tread, as a part of your device, while at the same time, cars with the wheel ordinarily used, will cross the point of divergence with the same certainty, and continue upon the straight track.

Their introduction has saved the cost of a switchman, and also the expenses incident to a movable tongue switch, when laid upon a public street.

Very respectfully, &c.,

STRICKLAND KNEASS,

Chief Engineer and Surveyor.

New York, January 15th, 1868.

WM. WHARTON, JR.,

Dear Sir:

We have been using your Patent Switches for City Railroads since this Company has been in operation, some years since.

We have no switch men at any part of our route, and we have found your Patent Switches perfectly efficient and satisfactory at the various places upon our tracks, where we have been using them.

We have no hesitation in expressing our entire satisfaction with their operation, in both summer and winter.

JOHN T. CONOVER,

President.

Bleecker St. & Fulton Ferry R. R. Co.

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Office of THE VAN BRUNT ST. & ERIE BASIN R. R. Co.,

Brooklyn, January 15th, 1868.

WILLIAM WHARTON, JR., ESQ.

Dear Sir:

We have used your Switches and Wheels on our road for five years. They give us entire satisfaction. We have no switch men on the road.

Yours, very truly,

ANDREW FOSTER,

President.

V. B. St. & E. B. R. R. Co.

Office of the SECOND & THIRD St. P. R. W. Co.,

Philadelphia, February 17*th*, 1868.

MR. WILLIAM WHARTON, JR.,

Dear Sir:

Your letter of February 10th, was duly received, wherein you desire that I should certify on the part of this Company, with regard to the merits of your Patent Switches.

To speak of all the advantages they possess over the old fashioned tongue switches, would require a very long letter; therefore, I shall only say that they have been in constant use on this road, for the last six years, and have given us the most entire satisfaction.

Truly yours, &c.,

JACOB BINDER,

President.

GERMANTOWN PASSENGER RAILWAY Co.,

Office, Sixth and Diamond Streets.

Philadelphia, January 29th, 1868.

WM. WHARTON, JR., ESQ.,

28 South Third Street, Philada.

Dear Sir :

The Germantown Passenger Railway Company was one of the first to adopt your Patent Switch, which they have been using some six years; all that is claimed is faithfully performed. The doing away with Switch tenders, and consequent decrease of liability to accident, should make the adoption of it by all Railroad Companies a necessity.

Truly yours,

JOSEPH SINGERLY,

Secretary and Treasurer Ger. Pass. R. W. Co.

Philadelphia, January 28th, 1868.

WM. WHARTON, JR., ESQ.,

Dear Sir :

The Patent Switches which you have been laying for the last six or eight years in this city, are as perfect as any thing can be made, and give satisfaction to every one that uses them. When first laid, I supposed there would be trouble with them in winter, when the streets were filled with ice, but I find there is no difficulty in using them at any time, and I can recommend them as being the cheapest and best mode of turning curves that I have ever seen.

Yours, respectfully,

C. COLKET,

President.

Phila. Germantown and Norristown R. R. Co.

Office of THE DRY DOCK, E. BROADWAY and BATTERY R. R. Co.,

Depot, Fourteenth Street and Avenue B.

New York, January 28th, 1868.

WM. WHARTON, JR., ESQ.,

Dear Sir:

We have thoroughly tried your Patent Switches upon our road, and after as large or perhaps larger use and experience with them than any other N. Y. City Road, I cheerfully recommend them, alike for their efficiency, durability, reliability, and economy in working.

This testimony is based upon the fact that with our four lines, we have used them in larger number than any other city road.

Very respectfully yours,

W. WHITE.

President.

Office 42d ST. & GRAND ST. FERRY R. R. Co.

New York, January 20th, 1868.

WM. WHARTON, ESQ.,

Dear Sir :

We have had your Patent Railroad Switches in constant use at various places on our tracks, since our company has been in operation; viz: Nov. 8th, 1863. We have found them to work perfectly well at all seasons, and we cheerfully recommend them to other City Railroad Companies, as thoroughly efficient and satisfactory. We have no switch men in our employ.

Very respectfully,

JOHN GREEN,

President.

Office BROOKLYN CITY R. R. Co.,

No. 10 Fulton Street.

Brooklyn, January 16th, 1868.

W. WHARTON, JR., ESQ.

My Dear Sir :

As to your Patent Switches; you put them on our road several years since; we use them on all of our ten routes; we have no switch men. They have done all the duty, and afforded all the advantage you promised for them. We most unqualifiedly commend them to all Railroad operators having connecting lines.

I am, sir,

Your obedient servant,

H. R. PEIRSON,

President, &c.

Office of the GREEN & COATES St. PHILA. P. R. W. Co.,

Twenty-fourth and Coates Streets,

Philadelphia, February 7th, 1868.

WILLIAM WHARTON, JR., ESQ.

Dear Sir:

I take pleasure in stating that we have had your Patent Switches in use on this road for several years, and they have given *entire satisfaction.*

Yours, truly,

EDMUND DEACON,

President.

Office of THE PHILADELPHIA & GRAY'S FERRY Passenger R. R. Co.

22d Street, below Spruce.

Philadelphia, January 20th, 1868.

Several years ago the Second and Third Street Railway Co. substituted your Patent Switches, for the old-fashioned tongue switch, at the points where their road and ours diverge. I do not hesitate to recommend your Patent Switch to all Railroads, as being in every respect, all that is claimed for it. Our cars pass over them much more smoothly than they did over the old ones, and they are never out of order.

Yours,

S. GROSS FRY,

President.

To WM. WHARTON, JR., ESQ.

Office of THE GIRARD COLLEGE PASSENGER RAILWAY Co.,

Corner of Columbia and Ridge Avenues.

Philadelphia, January 27th, 1868.

WM. WHARTON, JR. ESQ.,

Dear Sir:

It gives me great pleasure to endorse your Patent Switch for Passenger Railways, which has been in use by this Company for the past seven years.

Its simplicity and economy are so manifest, that it commends itself to any practical Railroad man.

Yours, respectfully,

E. B. EDWARDS,

President.